M/023/007

jbr environmental consultants, inc.
8160 South Highland Drive • Sandy, Utah 84093 • Phone (801) 943-4144 • Fax: (801) 942-1852

FAX TRANSMISSION COVER SHEET

CORPORATE OFFICE
8160 SOUTH HIGHLAND DRIVE
SANDY, UT 84093
PH: (801) 943-4144
FAX #: (801) 942-1852

Date: October 5, 2000

Time: 3:30 p.m.

To: Doug Jensen

Fax: 1.801.359.3940

Subject: Silver City Facility Information

From: Norma Stokes for Bob Bayer

YOU SHOULD RECEIVE 8 PAGE(S), INCLUDING THIS COVER SHEET. IF YOU DO NOT RECEIVE ALL THE PAGES, PLEASE CALL (801) 943-4144

0050

MEMORANDUM

JBR ENVIRONMENTAL CONSULTANTS, INC.

October 5, 2000

TO: Mr. Doug Jensen, UDOGM
Ms. Beth Wondimu, UDWQ
Messrs. Steve Flechner and Gene Webb, North Lily
Mr. Walt Shubert

FROM: Bob Bayer

SUBJECT: North Lily Mining Company, Silver City Facility Information Transmittal: Weekly Fluids Report and Data Summary

Weekly Fluids Report and Progress Summary

- The return rate of fluid from the leach pad to the preg. pond continues to decrease.
- Enhanced evaporation continues in both the preg. and overflow ponds and all pumps are performing well.
- Over this past weekend, the tears in the overflow pond liner were "draped" with PVC from the barren pond as requested by Doug Jensen and additional sand bags have been added to secure the liner and drape in place.
- A second perc. test in the test pit west of the mill building (see Draft Design Report for the leachfield submitted on October 2, 2000) was conducted on October 3, 2000, after the test hole had been kept saturated for a period of three days to ensure that swelling and supplemental spalling that were observed prior to the original perc. test did not distort the results. The perc. rate observed during the latest test was lower than the original test, 1.15×10^{-3} cm/sec., as compared to 1.85×10^{-3} cm/sec in the test conducted earlier. If this lower value were used to define the maximum infiltration capacity of the infiltration system described in the Draft Design Report, this capacity would be reduced from nearly 20 gpm to approximately 12 gpm.

North Lily Mining Compa

EVAPORATION SYSTEM

July 3, 2000	100				
July 4, 2000	100				
July 5, 2000	100				270
July 6, 2000	100				
July 7, 2000	100				
July 10, 2000	95				
July 11, 2000	95				
July 12, 2000	90				260
July 13, 2000	90				
July 14, 2000	95				
July 15, 2000	225				
July 17, 2000		Recycle into Preg			
July 18, 2000	220				
July 19, 2000	220				250
July 20, 2000	220				
July 21, 2000	220				
July 24, 2000		Recycle into Preg			
July 25, 2000		Recycle into Preg			280
July 26, 2000	300	Pad and Preg			
July 27, 2000	300	Pad and Preg			
July 28, 2000	300	Pad and Preg			
July 30, 2000		Recycle into Preg	0.24		
July 31, 2000		Overflow	0.24		
August 1, 2000		Overflow	0.24		270
August 2, 2000		Overflow	0.22		
August 3, 2000		Overflow	0.22		
August 6, 2000		Overflow Off Preg Recycle			
August 7, 2000		Overflow Off Preg Recycle			300
August 8, 2000	360	Pad and Preg			
August 9, 2000	360	Pad and Preg			
August 10, 2000	360	Pad and Preg			200
August 11, 2000	360	Pad and Preg			
August 12, 2000	360	Pad and Preg			
August 13, 2000	360	Rec	0.19	23.12	
August 14, 2000	360	Rec	0.19	23.12	
August 15, 2000	360	Rec	0.19	23.12	
August 16, 2000	360	Rec	0.19	23.12	490
August 17, 2000	360	Rec	0.2	25	
August 18, 2000	360	Rec	0.2	25	
August 19, 2000	360	Rec	0.21	27	
August 20, 2000	340	Rec	0.21	27	
August 21, 2000	340	Rec	0.21	27	

KEY

N/R = Not Recorded

N/A = Not Available

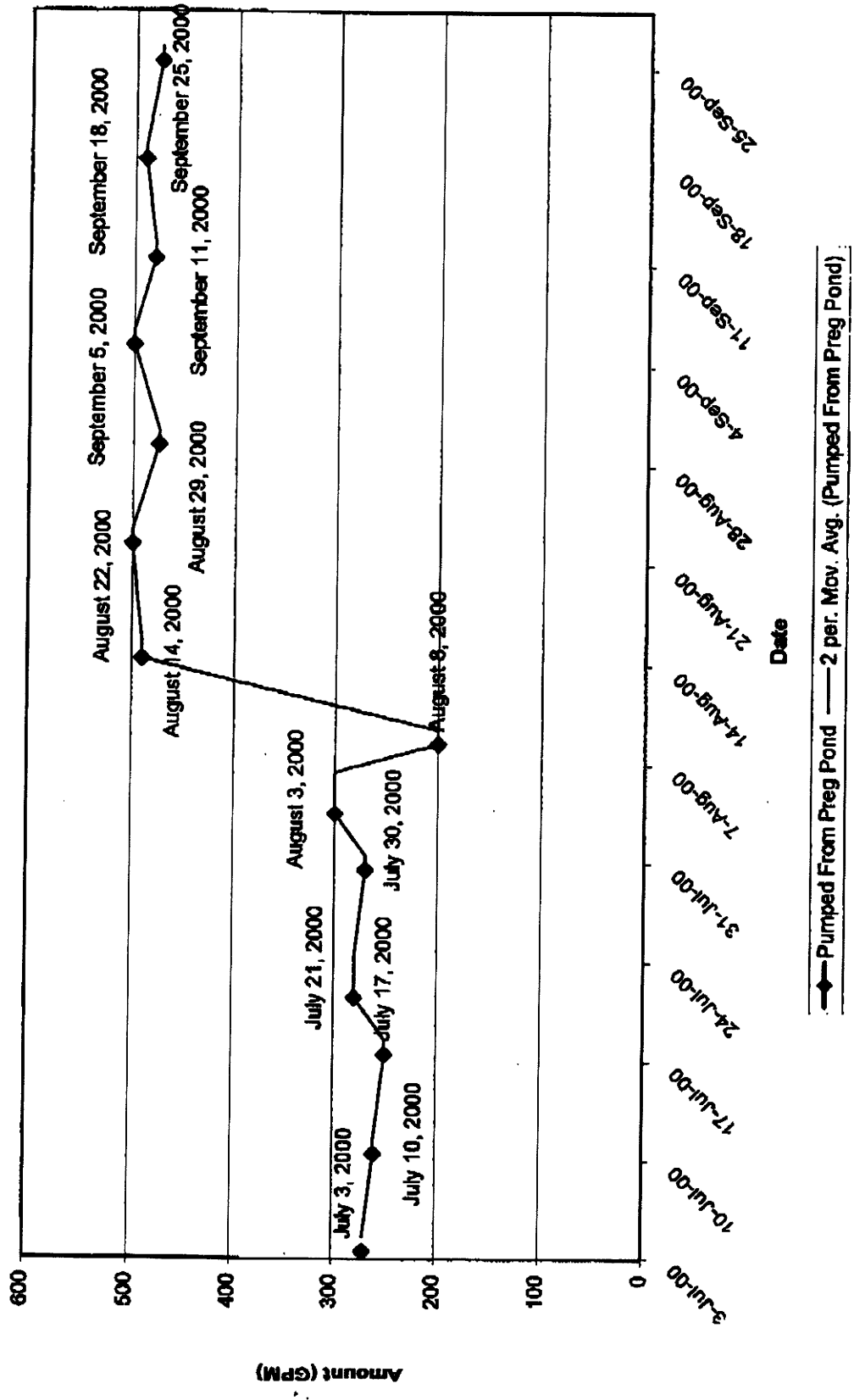
North Lily Mining Compa

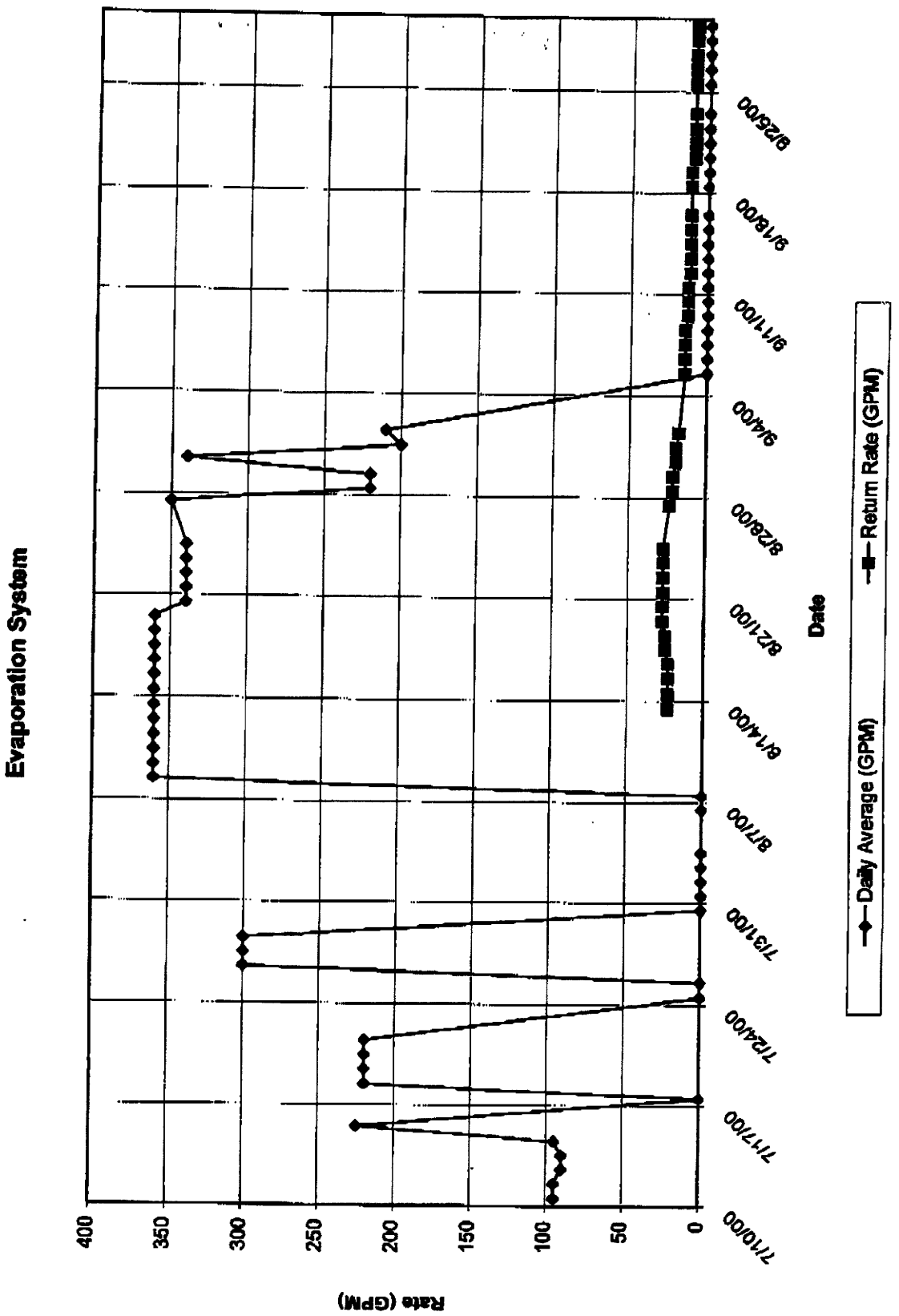
EVAPORATION SYSTEM

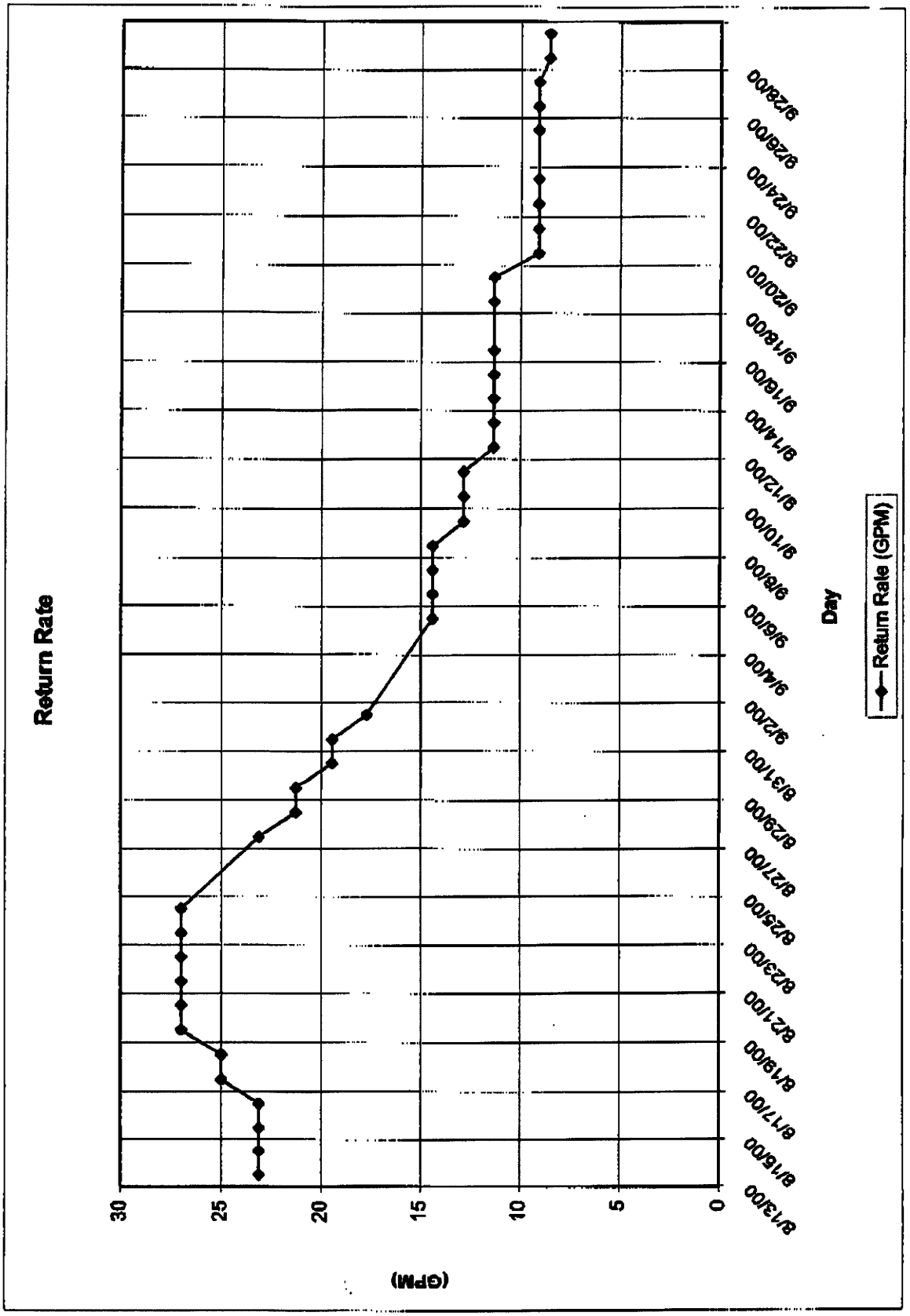
August 22, 2000	340	Rec	0.21	27	
August 23, 2000	340	Rec	0.21	27	
August 24, 2000	340	Rec	0.21	27	500
August 27, 2000	350	Preg and Overflow	0.19	23.12	
August 28, 2000	220	Preg and Overflow	0.18	21.27	
August 29, 2000	220	Preg and Overflow	0.18	21.27	
August 30, 2000	340	Preg and Overflow	0.17	19.46	
August 31, 2000	200	Preg and Overflow	0.17	19.46	475
September 1, 2000	210	Preg and Overflow	0.16	17.72	
September 5, 2000		Recycle to preg pond	0.14	14.4	
September 6, 2000		Recycle to preg pond	0.14	14.4	
September 7, 2000		Recycle to preg pond	0.14	14.4	500
September 8, 2000		Recycle to preg pond	0.14	14.4	
September 9, 2000		Recycle to preg pond	0.13	12.84	
September 10, 2000		Recycle to preg pond	0.13	12.84	
September 11, 2000		Overflow Ponds	0.13	12.84	
September 12, 2000		Overflow Ponds	0.12	11.34	
September 13, 2000		Overflow Ponds	0.12	11.34	480
September 14, 2000		Overflow Ponds	0.12	11.34	
September 15, 2000		Overflow Ponds	0.12	11.34	
September 16, 2000		Overflow Ponds	0.12	11.34	
September 18, 2000		Recycle to preg pond	0.12	11.34	
September 19, 2000		Recycle to preg pond	0.12	11.34	
September 20, 2000		Recycle to preg pond	0.11	9.11	490
September 21, 2000		Recycle to preg pond	0.11	9.11	
September 22, 2000		Recycle to preg pond	0.11	9.11	
September 23, 2000		Recycle to preg pond	0.11	9.11	
September 25, 2000		Recycle to preg pond	0.11	9.11	
September 26, 2000		Recycle to preg pond	0.11	9.11	
September 27, 2000		Recycle to preg pond	0.11	9.11	475
September 28, 2000		Recycle to preg pond	0.10	8.56	
September 29, 2000		Recycle to preg pond	0.10	8.56	

KEY
N/R = Not Recorded
N/A = Not Avaliable

Weekly Preg Sump Pump Readings




Evaporation System
Rate (GPM)
400
350
300
250
200
150
100
50
0
7/10/00
7/17/00
7/24/00
7/31/00
8/7/00
8/14/00
8/21/00
8/28/00
9/4/00
9/11/00
9/18/00
9/25/00
Date
Daily Average (GPM)
Return Rate (GPM)


Return Rate
(GPM)
30
25
20
15
10
5
0
8/13/00
8/15/00
8/17/00
8/19/00
8/21/00
8/23/00
8/25/00
8/27/00
8/29/00
8/31/00
9/2/00
9/4/00
9/6/00
9/8/00
9/10/00
9/12/00
9/14/00
9/16/00
9/18/00
9/20/00
9/22/00
9/24/00
9/26/00
9/28/00
Day
Return Rate (GPM)

North Lilly Mining Company
WEEKLY REPORT
Daily Sump Pump Readings

Date	Time	Amount of Gallons Pumped to Empty	Initials
9/25	✓	✓	EP
9/26	✓	✓	EP
9/27	9:00	475 Preg	EP
9/28	✓	✓	EP
9/29	✓	✓	EP

Evaporation System

Date	Gallons Pumped from Preg. Pond	Other	Gallons Returned FT	Gallons Returned GPMS	Initials
9/25	Rec. Preg & Over Flow ponds	✓	1.1	9.91	EP
9/26	"	✓	1.1	9.91	EP
9/27	"	✓	1.1	9.91	EP
9/28	"	✓	1.0	8.56	EP
9/29	"	✓	1.0	8.56	EP

Leach Leak Detection

Date	Time	Gallons Pumped	Gallons Returned	Initials
9/25	✓	✓	✓	EP
9/26	✓	✓	✓	EP
9/27	✓	✓	✓	EP
9/28	12:00	25 #2 Sump	✓	EP
9/29	✓	✓	✓	EP